

FIG. 1

NETWORK SYSTEM 1

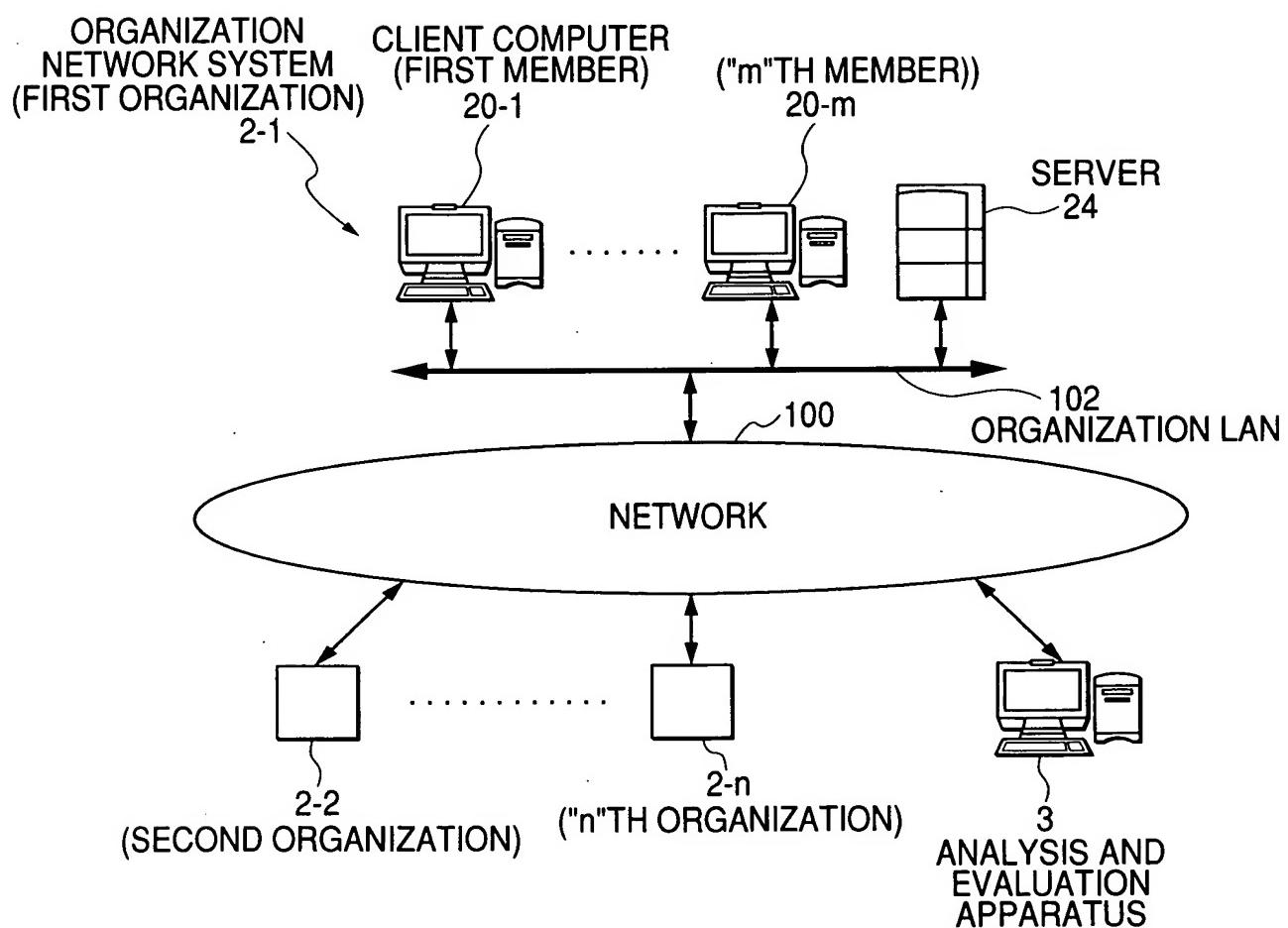


FIG. 2

CLIENT COMPUTER 20,
SERVER 24,
ANALYSIS AND EVALUATION APPARATUS 3

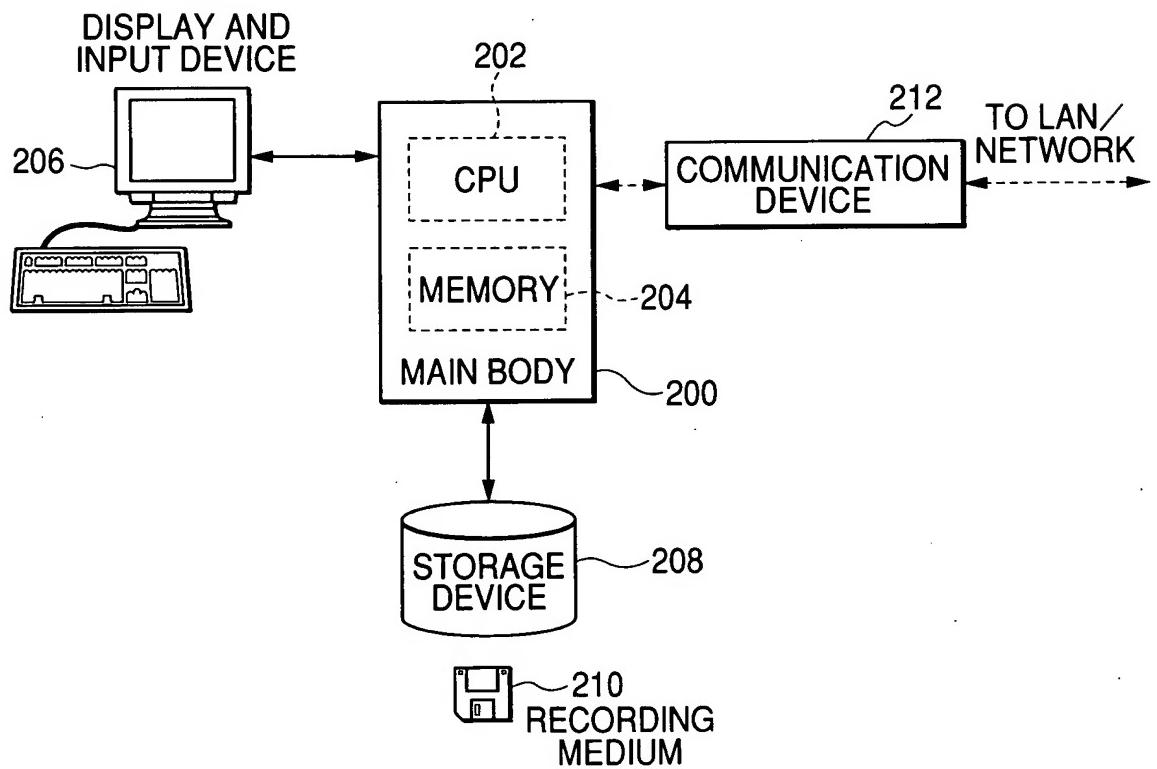


FIG. 3

CLIENT PROGRAM 22

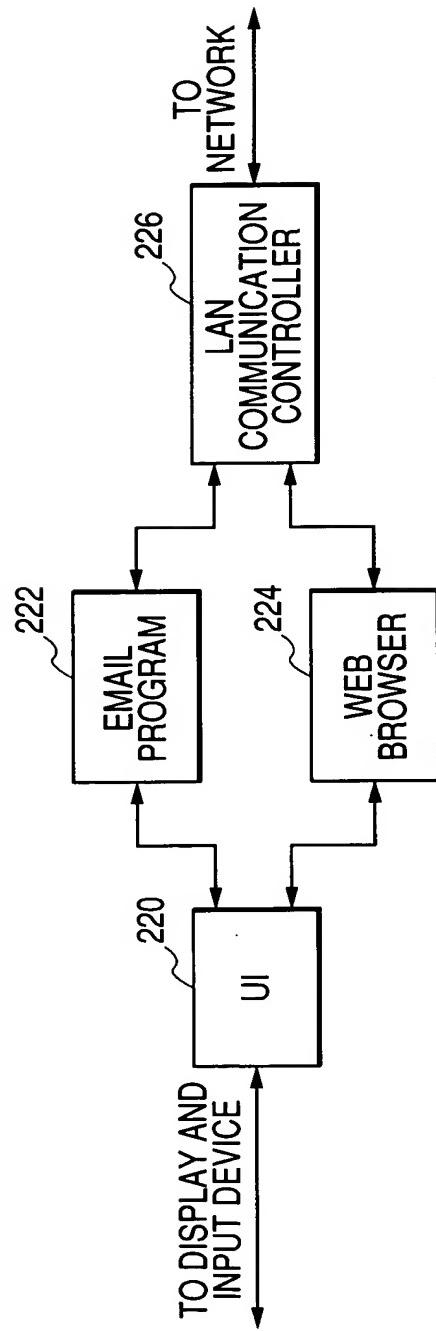


FIG. 4

SERVER PROGRAM 26

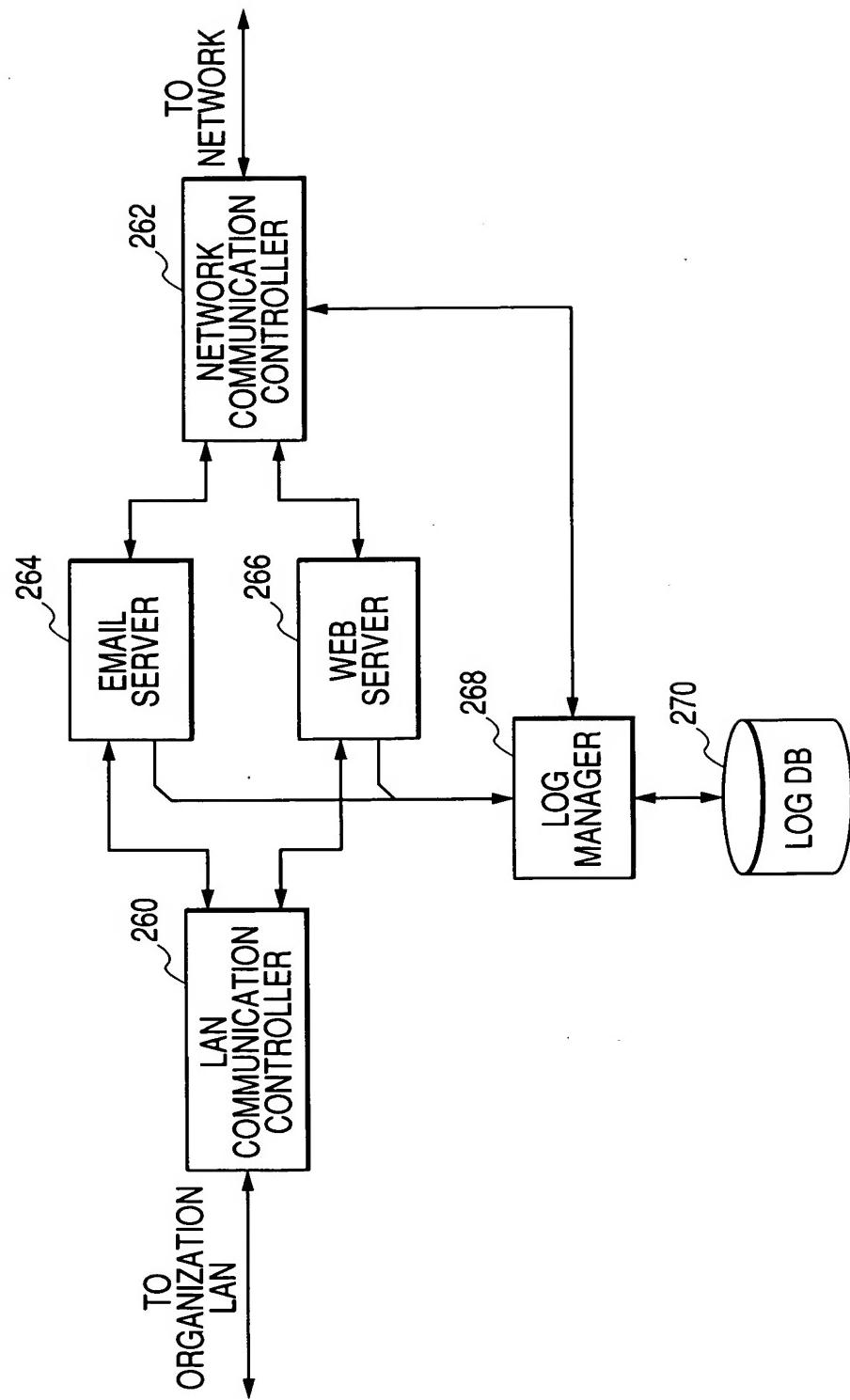


FIG. 5

COMMUNICATION ID	SENDER ID	RECIPIENT ID	COMMUNICATION CONTENTS	COMMUNICATION DATE AND TIME
------------------	-----------	--------------	------------------------	-----------------------------

FIG. 6

COMMUNICATION ID	SENDER ID	RECIPIENT ID	COMMUNICATION CONTENTS	DATE AND TIME
1	1	2	SHOULD REVIEW THE RESULTS OF A DISCUSSION CONCERNING WHETHER PRODUCTS A, B AND E CAN BE PREPARED IN TIME FOR THE DELIVERY DEADLINE.	10:00, AUGUST 5, 2001
2	1	3	PLEASE SET UP A MEETING FOR PRODUCT A FOR 19:00 TODAY.	11:00, AUGUST 5, 2001
3	1	4	BETTER HAVE MORE INTENSIVE DISCUSSION OF PRODUCT E LATER.	8:00, AUGUST 6, 2001
4	2	3	WHEN IS THE DEADLINE FOR THE DELIVERY OF PRODUCT B?	14:00, AUGUST 5, 2001
5	3	1	THE DEADLINE OF THE DELIVERY OF PRODUCT A DEPENDS ON THE PRODUCTIVITY WHEN TECHNIQUE 1 IS USED. HERE IS REFERENCE MATERIAL RELATED TO TECHNIQUE 1.	15:00, AUGUST 5, 2001
6	3	2	THE DEADLINE FOR THE DELIVERY OF PRODUCT B IS NOVEMBER.	9:00, AUGUST 6, 2001
7	4	1	THE PACKAGE DESIGNS FOR PRODUCTS A AND B ARE GREATLY DELAYED, ...	14:00, AUGUST 5, 2001
8	4	3	THE PACKAGE DESIGN FOR PRODUCT A WILL BE DELAYED. SO TODAY, PLEASE SUBMIT A REPORT ON TECHNIQUE 1 TO OUR PRESIDENT.	16:00, AUGUST 5, 2001
...
...

FIG. 7

ANALYSIS AND EVALUATION PROGRAM 30

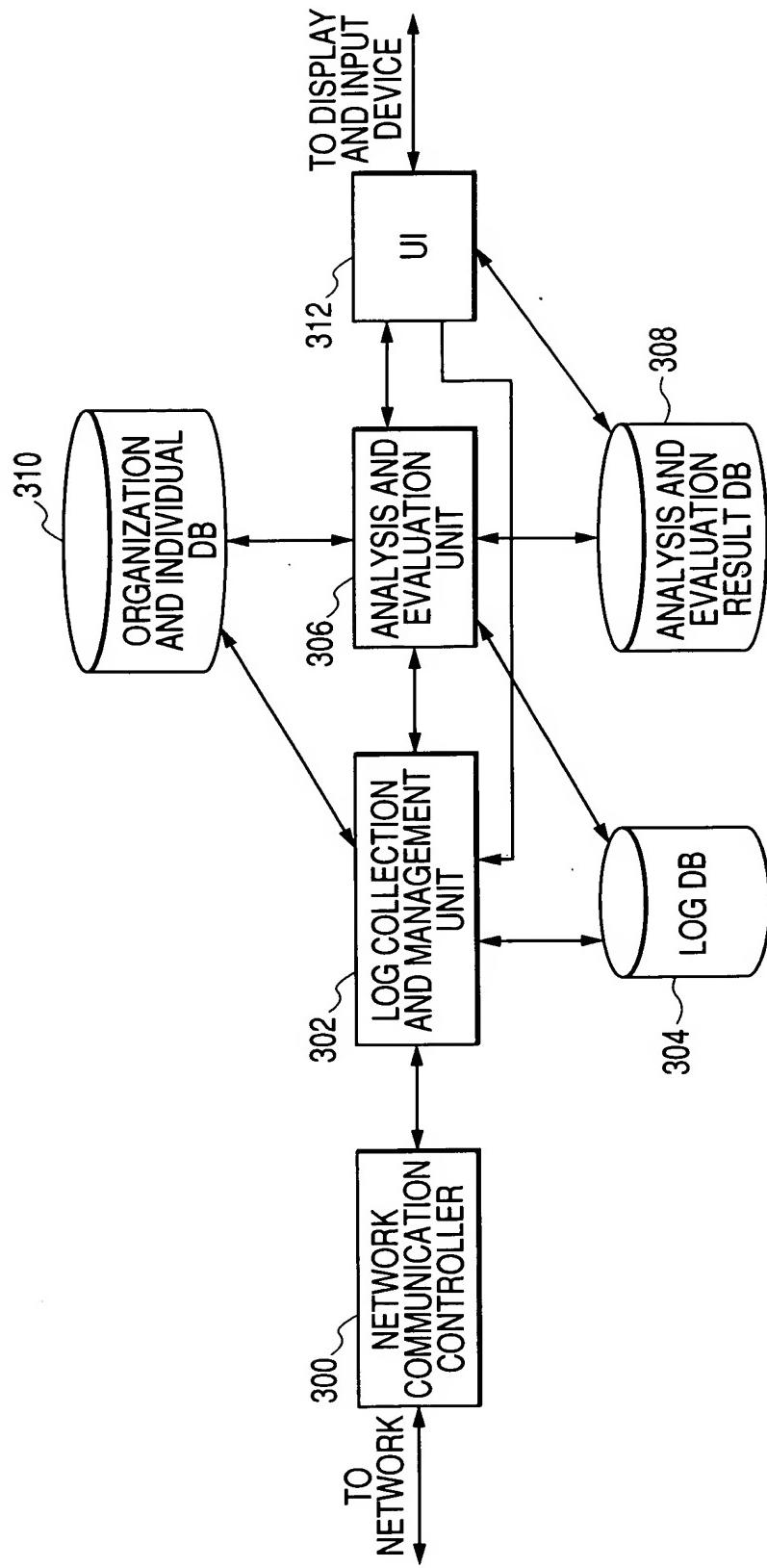


FIG. 8

ORGANIZATION ID	ORGANIZATION NAME	ORGANIZATION FORM	PERIOD	UPPER ORGANIZATION
1	PRESIDENT'S OFFICE	FORMAL	JULY 4, 1992 TO THE PRESENT	-
2	B	FORMAL	JULY 4, 1992 TO THE PRESENT	1
3	C	INFORMAL	OCTOBER 24, 2001 TO THE PRESENT	2
4	D	PROJECT	MAY 17, 2003 TO JUNE 2, 2003	3
...
100	AA	FORMAL	DECEMBER 23, 2002 TO MARCH 31, 2003	29
101	AB	INFORMAL	JANUARY 7, 2003 TO MARCH 31, 2003	100
...

FIG. 9

ORGANIZATION ID	ORGANIZATION NAME	ORGANIZATION FORM	PERIOD	UPPER ORGANIZATION
1	PRESIDENT'S OFFICE	FORMAL	JULY 4, 1992 TO THE PRESENT	-
2	B	FORMAL	JULY 4, 1992 TO THE PRESENT	1
3	C	INFORMAL	OCTOBER 24, 2001 TO THE PRESENT	2
4	D	PROJECT	MAY 17, 2003 TO JUNE 2, 2003	3
...
100	AA	FORMAL	DECEMBER 23, 2002 TO MARCH 31, 2003	29
101	AB	INFORMAL	JANUARY 7, 2003 TO MARCH 31, 2003	100
...

FIG. 10

PERSONAL ID (EMPLOYEE ID)	NAME	EMAIL ADDRESS	ORGANIZATION ID
------------------------------	------	------------------	--------------------

FIG. 11

EMPLOYEE ID	NAME	EMAIL ADDRESS	ORGANIZATION ID
1	Hoge1	<u>Hoge1@a.b.c</u>	1
2	Hoge2	<u>Hoge2@a.b.c</u>	2, 3
3	Hoge3	<u>Hoge3@a.b.c</u>	5, 8, 10
4	Hoge4	<u>Hoge4@a.b.c</u>	5, 8, 10
...
127	Hoge127	<u>Hoge127@a.b.c</u>	3, 50, 75, 99, 120
...

FIG. 12

ORGANIZATION COMMUNICATION ID	SENDER ID	RECIPIENT ID	SENDER ORGANIZATION ID	RECIPIENT ORGANIZATION ID	COMMUNICATION CONTENTS	COMMUNICATION DATE AND TIME
-------------------------------------	-----------	--------------	------------------------------	---------------------------------	---------------------------	--------------------------------

FIG. 13

COMMUNICATION ID	SENDER ID	RECIPIENT ID	SENDER ORGANIZATION ID	RECIPIENT ORGANIZATION ID	COMMUNICATION CONTENTS	DATE AND TIME
1	1	2	1	5, 8, 10	SHOULD REVIEW THE RESULTS OF A DISCUSSION CONCERNING WHETHER PRODUCTS A, B AND E CAN BE PREPARED IN TIME FOR THE DELIVERY DEADLINE.	10:00, AUGUST 5, 2001
2	1	3	1	5, 8, 10	PLEASE SET UP A MEETING FOR PRODUCT A FOR 19:00 TODAY.	11:00, AUGUST 5, 2001
3	1	4	1	5, 8, 10	BETTER HAVE MORE INTENSIVE DISCUSSION OF PRODUCT E LATER.	8:00, AUGUST 6, 2001
4	2	3	2, 3	5, 8, 10	WHEN IS THE DEADLINE FOR THE DELIVERY OF PRODUCT B?	14:00, AUGUST 5, 2001
5	3	1	5, 8, 10	1	THE DEADLINE OF THE DELIVERY OF PRODUCT A DEPENDS ON THE PRODUCTIVITY WHEN TECHNIQUE 1 IS USED. HERE IS REFERENCE MATERIAL RELATED TO TECHNIQUE 1.	15:00, AUGUST 5, 2001
6	3	2	5, 8, 10	2, 3	THE DEADLINE FOR THE DELIVERY OF PRODUCT B IS NOVEMBER.	9:00, AUGUST 6, 2001
7	4	1	5, 8, 10	1	THE PACKAGE DESIGNS FOR PRODUCTS A AND B ARE GREATLY DELAYED, ...	14:00, AUGUST 5, 2001
8	4	3	5, 8, 10	5, 8, 10	THE PACKAGE DESIGN FOR PRODUCT A WILL BE DELAYED. SO TODAY, PLEASE SUBMIT A REPORT ON TECHNIQUE 1 TO OUR PRESIDENT.	16:00, AUGUST 5, 2001
...
...

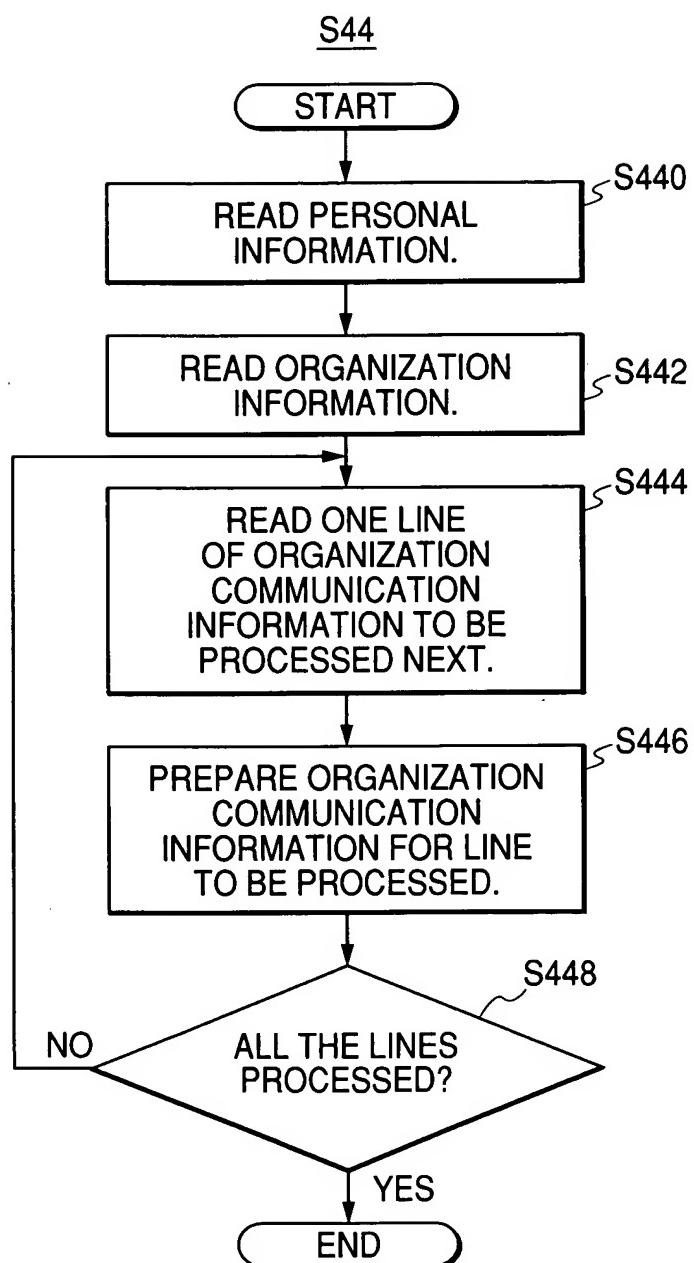
FIG. 14

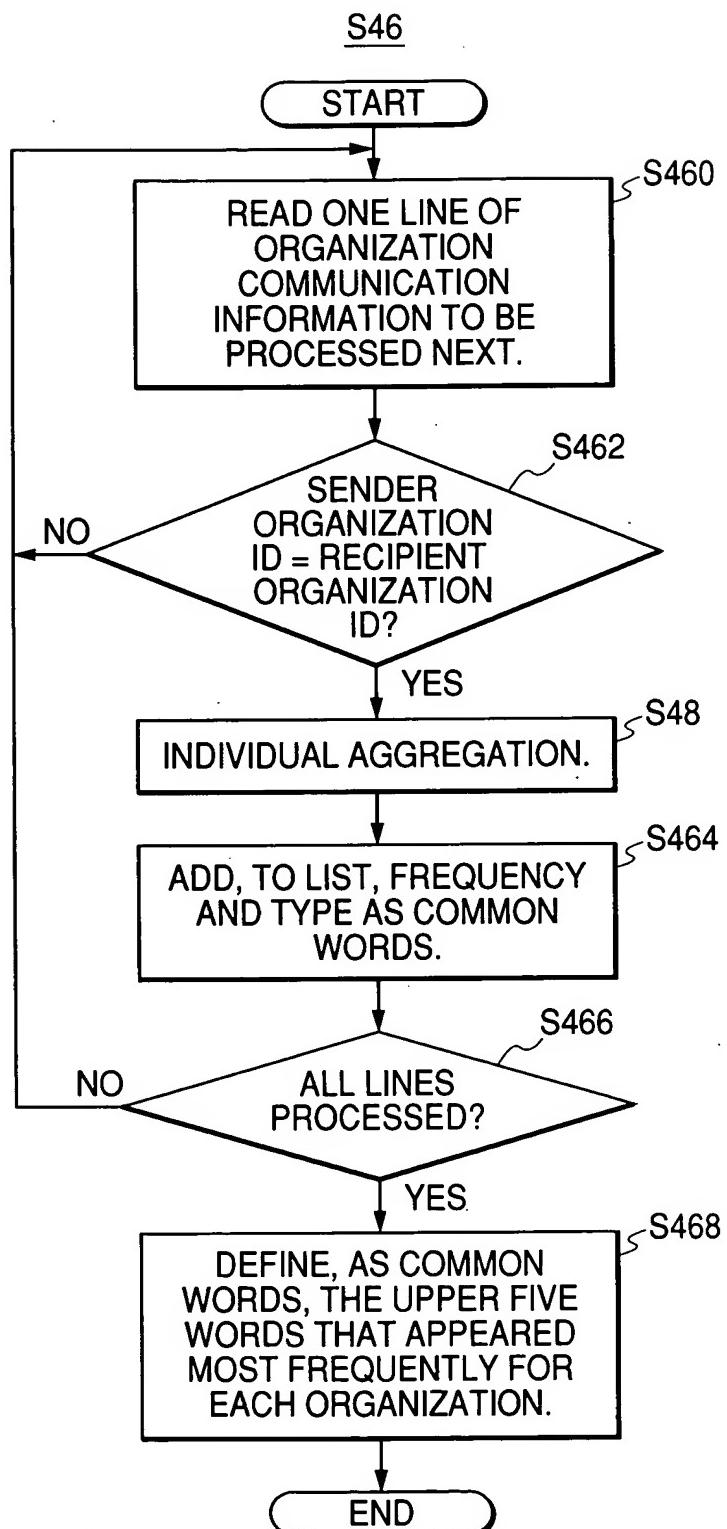
FIG. 15

FIG. 16

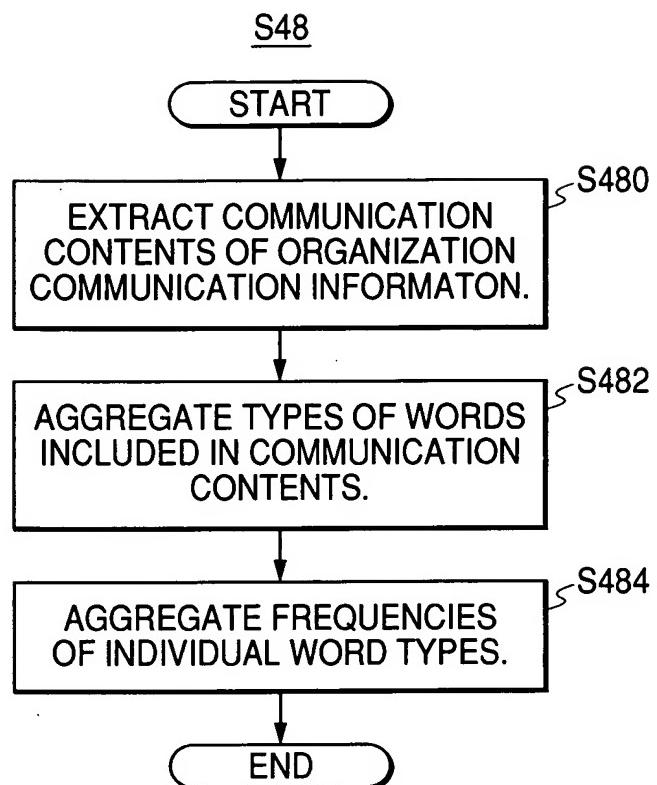


FIG. 17

ORGANIZATION ID	COMMON WORD
-----------------	-------------

FIG. 18A
COMMON WORD
FOR ORGANIZATION A

COMMON WORD	APPEARANCE FREQUENCY
CLIENT	48
WOMAN	42
DISCUSSION	40
STRATEGY	39
TECHNIQUE	30
CUSTOMER	29
BUSINESS	25
SITE	5

FIG. 18B
COMMON WORD
FOR ORGANIZATION B

COMMON WORD	APPEARANCE FREQUENCY
SITE	52
REQUEST	48
SERVER	40
EVERYBODY	40
IDEA	40
DISCUSSION	32
TECHNIQUE	30
COST	3

FIG. 18C
COMMON WORD
FOR ORGANIZATION C

COMMON WORD	APPEARANCE FREQUENCY
YEN	108
ROBOT	94
TECHNIQUE	93
DISCUSSION	78
PRINT	68
COST	64
PRODUCTION	54
SERVER	10

FIG. 19

ORGANIZATION ID	COMMON WORD	CONCEPT
-----------------	-------------	---------

FIG. 20

ORGANIZATION ID	COMMON SYNONYM	
1	COMMON SYNONYM	APPEARANCE FREQUENCY
	{CLIENTELE, CUSTOMER, CLIENT}	100
	{ACTIVITY, ACTION, JOB, TASK, ...}	78
	{SOLUTION, RESOLVING METHOD, ANSWER, ...}	32
2	COMMON SYNONYM	APPEARANCE FREQUENCY
	{UNDERSTANDING, KNOWLEDGE, SENSE, EXPERIENCE}	32
	{TECHNIQUE, TECHNOLOGY, FUNCTION}	14
	...	7
3	COMMON SYNONYM	APPEARANCE FREQUENCY
	...	98
	...	20
	...	3

FIG. 21

SENDER ORGANIZATION ID	RECIPIENT ORGANIZATION ID	COMMON WORD
1	2	

FIG. 22

SENDER ORGANIZATION ID	RECIPIENT ORGANIZATION ID	COMMON WORD
1	2	{CLIENT, SATISFACTION, RELIABILITY}
1	5	{CLIENT, COMPETITION, COOPERATION}
2	1	{SERVICE, SOLUTION, ···}
2	4	{···, ···, ···, ···}
3	1	{···, ···, ···, ···}
3	5	{···, ···, ···, ···}

FIG. 23

SENDER ORGANIZATION ID	RECIPIENT ORGANIZATION ID	COMMON WORD	CONCEPT

FIG. 24

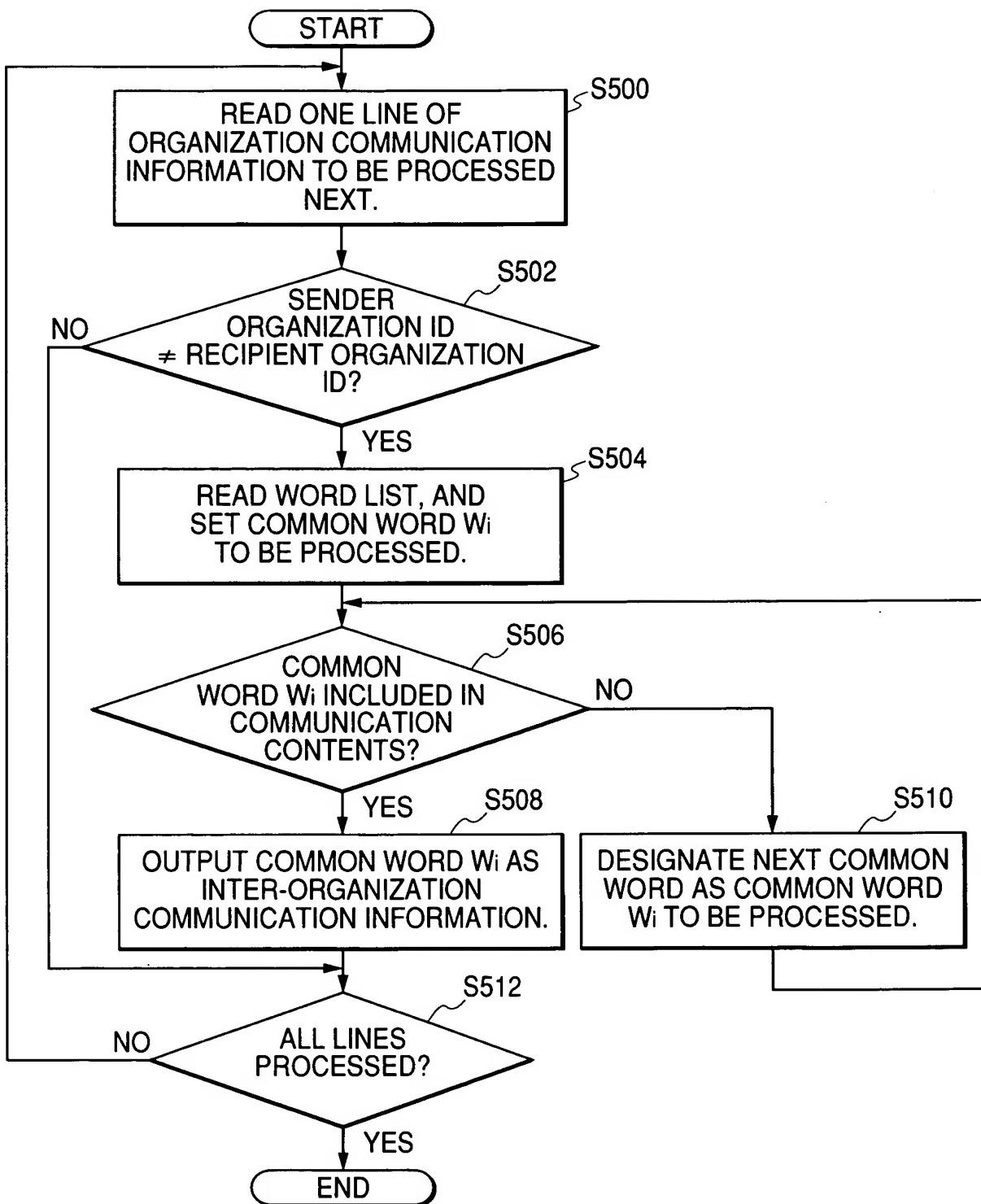
S50

FIG. 25

SENDER ORGANIZATION ID	RECIPIENT ORGANIZATION ID	COMMON WORD
------------------------------	---------------------------------	-------------

FIG. 26

SENDER ORGANIZATION ID	RECIPIENT ORGANIZATION ID	COMMON WORD	CONCEPT
------------------------------	---------------------------------	-------------	---------

FIG. 27

ORGANIZATION ID (PERSONAL ID)	COMMON WORD	AFFECT RANGE (ORGANIZATION COUNT)
-------------------------------------	-------------	--------------------------------------

FIG. 28

ORGANIZATION ID	AFFECT RANGE (ORGANIZATION COUNT)
1	115
2	32
3	50
4	40

FIG. 29

ORGANIZATION ID	AFFECT LEVEL (FREQUENCY)
1	753
2	222
3	300
4	50

FIG. 30

ORGANIZATION ID (PERSONAL ID)	COMMON WORD	CONCEPT	AFFECT RANGE (ORGANIZATION COUNT)

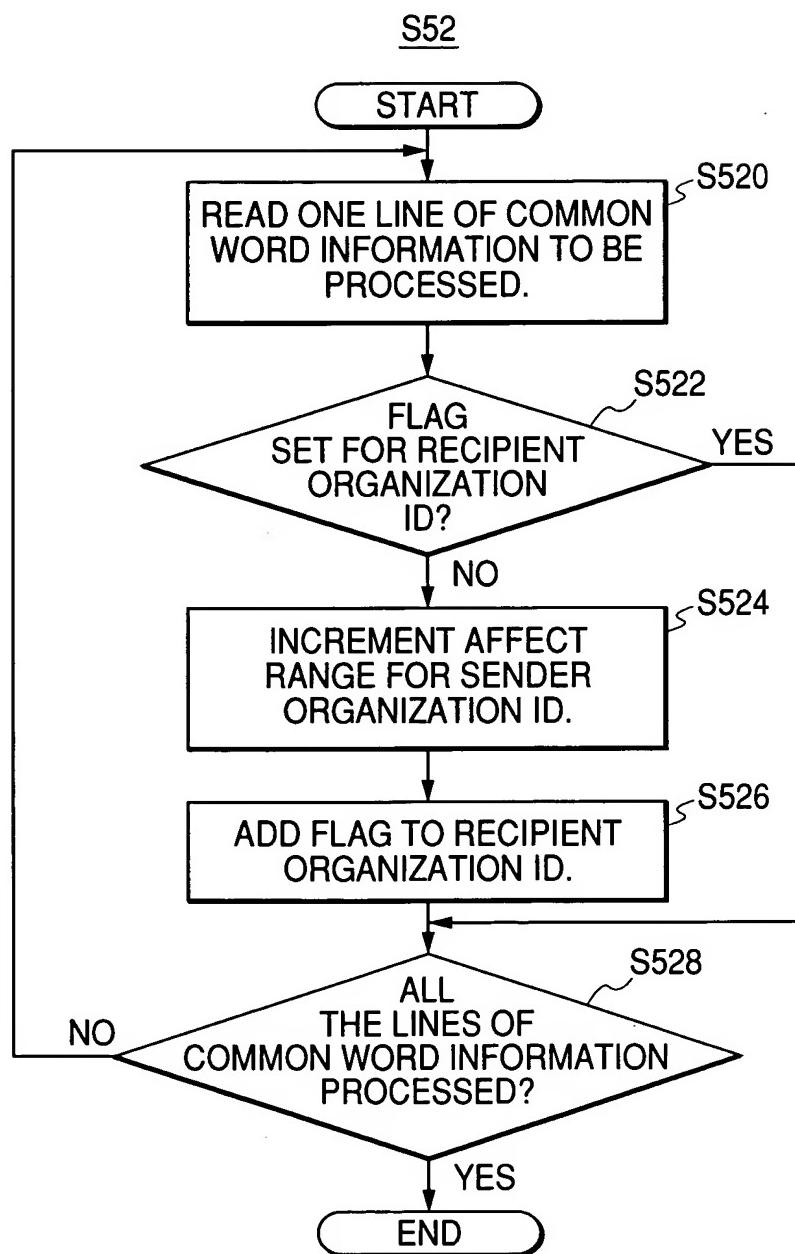
FIG. 31

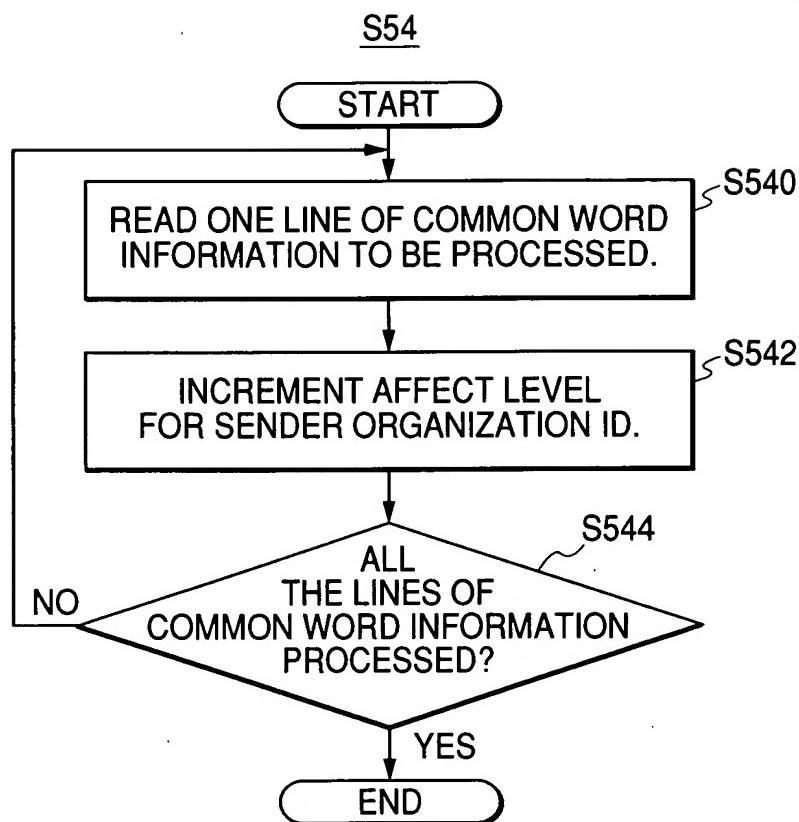
FIG. 32

FIG. 33

ORGANIZATION ID	CONCEPT (WORD)	AFFECT RANGE (ORGANIZATION COUNT)
1	CLIENT	50
1	SATISFACTION	50
1	RELIABILITY	15
2	SERVICE	12
2	SOLUTION	20
3	KNOWLEDGE	50
4	TECHNIQUE	10
4	COMPETITION	20
4	ENVIRONMENT	10

FIG. 34

ORGANIZATION ID	CONCEPT (WORD)	AFFECT LEVEL (FREQUENCY)
1	CLIENT	500
1	SATISFACTION	200
1	RELIABILITY	53
2	SERVICE	121
2	SOLUTION	101
3	KNOWLEDGE	300
4	TECHNIQUE	10
4	COMPETITION	20
4	ENVIRONMENT	20

FIG. 35

ANALYSIS AND EVALUATION SEQUENCE (S10)

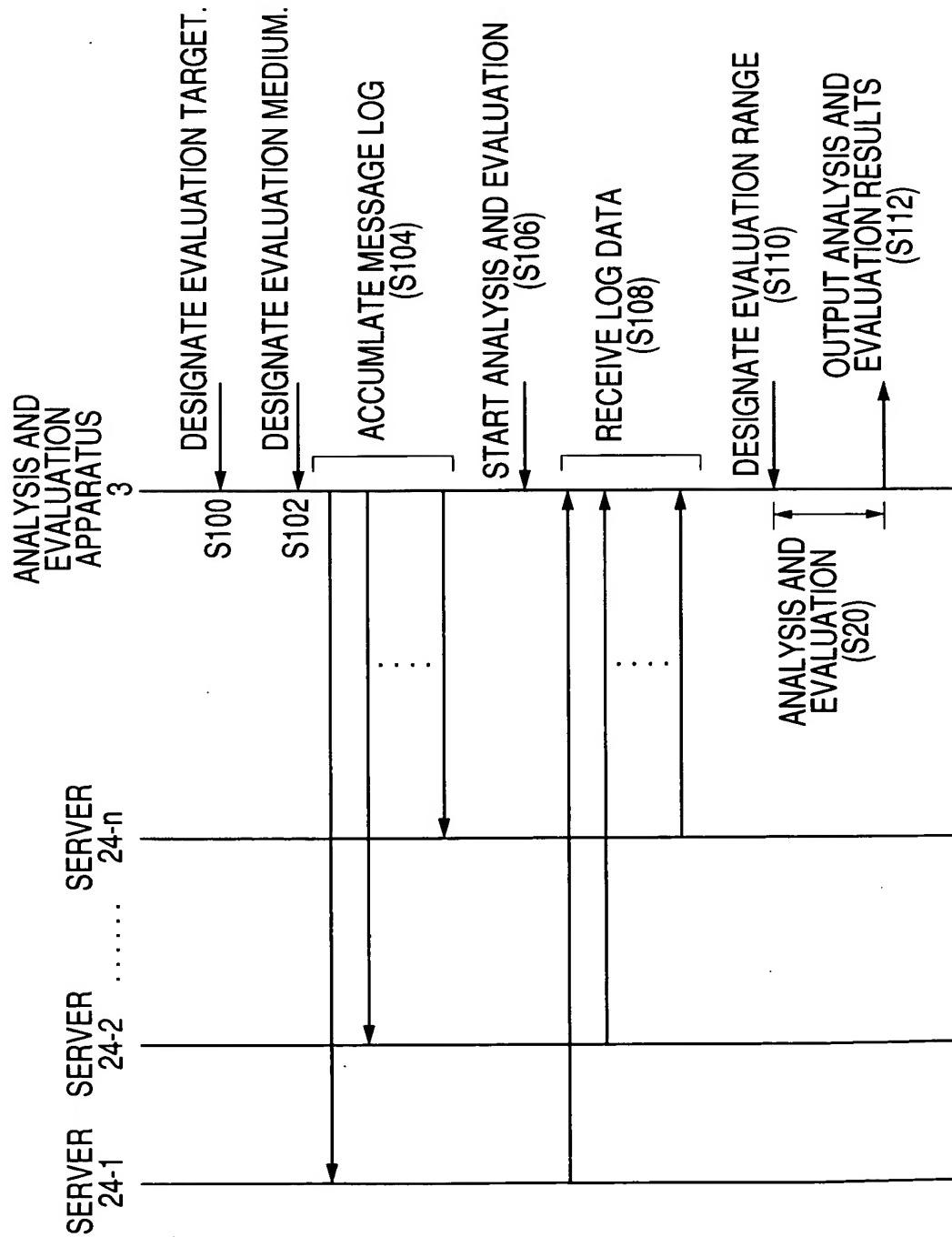


FIG. 36

ANALYSIS AND EVALUATION (S20)

